

Air Quality Summary 2005-2007 Program Plan

Program Mission: Protect, preserve and enhance the air quality of Washington to safeguard public health and the environment, and support high quality of life for current and future citizens

POG Result: Improve the Quality of Natural Resources.			
Activity <i>What We Do</i>	Desired Results <i>What We Want to Achieve</i>	Strategies <i>How We Will Do It</i>	Accountability Measures <i>How We Will Measure Success</i>
Prevent Unhealthy Air and Violations of Air Quality Standards	<p>Air Quality standards in Washington state are met, public health problems associated with unsafe air are minimized and federal sanctions are avoided.</p> <p>Disease and health costs attributable to air pollution are reduced.</p>	<ul style="list-style-type: none"> • Conduct a statewide assessment of community air quality and prioritize areas for actions to assure healthy air. • Influence federal air quality standards and/or adopt healthy air quality levels for Washington. • Educate the public about the impacts and costs of air pollution, and encourage alternative behaviors that result in clean air. 	<ul style="list-style-type: none"> • Disease rates and/or health costs attributable to air pollution (under development). • Change in Asthma rates in Washington communities (under development). • Number of citizens exposed (exposure days) to air quality that does not meet "healthy" levels. • Number of areas re-designated to attainment. • Number of citizens living in areas not yet re-designated to attainment.
Reduce Health and Environmental Threats from Motor Vehicle Emissions.	<p>Motor vehicle emissions are minimized and managed, public health impacts from motor vehicle emissions are addressed, and federal sanctions for failure to meet standards are avoided.</p> <p>Motor Vehicle emissions decrease 40% by 2010. (from 2002 baseline)</p>	<ul style="list-style-type: none"> • Adopt the California Vehicle Emissions Standards by 12/31/05. • Implement a comprehensive diesel emissions reduction initiative. • Continue to operate an effective emission check program. • Promote cleaner-burning fuels. 	<ul style="list-style-type: none"> • Trends in motor vehicle emissions (average emission rate times vehicle miles traveled) • Vehicle miles traveled change • Percent of cars inspected in Ozone maintenance areas. • Percent of vehicles passing re-inspections in Ozone maintenance areas.

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Reduce Risk from Toxic Air Pollutants.	<p>The public health threat from toxic air pollutants is minimized.</p> <p>Statewide releases of priority air toxics are reduced 50% by 2010 (from 2002 baseline).</p>	<ul style="list-style-type: none"> • Implement strategies to reduce emissions of diesel soot and other harmful products of combustion. • Evaluate toxic emissions data and address identified "hot spots." • Partner with state and local health agencies to educate the public about risks from toxic pollutants and to alter behaviors and choices that increase toxic pollution. 	<ul style="list-style-type: none"> • Trends in diesel emissions. • Tons of diesel emissions reduced in Puget Sound counties (Puget Sound Action Team) • Trends in wood-smoke pollution • Trends in other toxic pollutants (under development)
Reduce Health and Environmental Threats from Smoke	<p>Public health threats from smoke are managed and minimized.</p> <p>Emissions from outdoor burning are reduced 50% by 2010 (from 2002 baseline).</p>	<ul style="list-style-type: none"> • Implement 2007 statutory burning restrictions in populated areas. • Complete the update to Agricultural Burning regulations to both improve flexibility for growers and protect public health. • Influence implementation of forestry burning practices to protect public health. • Implement woodstove 	<ul style="list-style-type: none"> • Number of times monitored PM_{2.5} levels exceed "healthy" levels. • Emissions from agricultural burning. • Number of facilities using agricultural by-products (biomass) for paper, alternative products and/or energy generation in Washington.

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		burning restrictions based on PM _{2.5} measurements. <ul style="list-style-type: none"> Promote creative, marketable uses and alternatives for vegetative waste to reduce outdoor burning. 	
Reduce Air Pollution from Commercial and Industrial Sources.	Air Pollution from industrial and commercial sources is managed to protect public health and minimize costs and regulatory burdens. Permit processing time improves 10% by 2007 (from 2005 baseline);	<ul style="list-style-type: none"> Reduce air pollution from commercial & industrial sources while reducing transaction costs for business and government. <ul style="list-style-type: none"> Adopt 5 General Orders to permit less-complex sources that do not need custom permits by June 30, 2006. Create transferable permits for temporary sources in Eastern, WA. Implement e-practices for permit applications and reporting. Update and streamline the Toxics Rule. Solicit process feedback from all permit applicants. 	<ul style="list-style-type: none"> Tons of criteria and toxic pollutants reduced from industrial and commercial sources. Average permit processing time Change in average permit processing time. Economic benefit of new or expanded air permit sources. (Under development)

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Measure Air Pollution Levels and Emissions to Support Sound Policy Decisions.	<p>Accurate and comprehensive air quality data is gathered, maintained and evaluated over time to ensure informed policy decisions can be made.</p> <p>- Public understands pollution levels and associated health risks of air pollution in WA.</p>	<ul style="list-style-type: none"> • Monitor, inventory, model and forecast air pollution concentrations, sources and transport. Evaluate data to identify trends, concerns and pollution solutions. • Create new measures to report air quality conditions: <ul style="list-style-type: none"> - New health risk measures in use by June 30, 2006. - At least one joint outcome measure shared with state DOH by June 30, 2007. 	<ul style="list-style-type: none"> • Percent of population living where air quality is routinely measured or modeled. • Trends in Greenhouse Gas (GHG) emissions. • Trends in key criteria pollutants for health – PM_{2.5} and ozone.